

AWEX-G Forecast for Friday, Nov. 14 (Nov 15 UT)

Forecast (updated 6:30pm CST): Starting out cloudy, mostly cloudy after midnight. Cloud bases very low (about 2000ft) tonight. South winds around 10mph.

Synopsis: 00Z [surface analysis](#): High pressure centered over northeast OK. Low pressure accompanied by trof over northern Colorado.

[OK mesonet](#): Moderate winds from the south. Temps in the mid-40s with dewpoints in the low 40s.

[Grant County forecast](#): Tonight. Partly cloudy. Lows in the lower 40s. South winds 10 to 15 mph.

[RUC cloud forecast](#): Central Facility covered by clouds until midnight with clear air developing between cirrus to the south and low cloud cover to the north.

Tomorrow's Outlook: Saturday night still looks good, bad conditions should be pushed all the way thru by tomorrow night.

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Observations at SGP@0400 UTC: Flow out of SW bringing clouds and slight precip have pushed to the east. Now on clear side of cloud boundary. Current conditions are severe clear. Promising for AIRS overpass at 0845.

The plan: multi-sonde launch consisting of RS-90, Intermet and Sippican/SW at 0530 UTC (11:30 CST) and 0800 UTC for AIRS overpass at 0845 UTC. Wait until 0700 UTC (1:00 am CST) for decision on launching CUFH.

What happened: Severe clear conditions for 0535 launch of RS-90,Intermet, Sippican/SW. 0800: Rising half moon reveals very thin clouds at ~500m, otherwise severe clear overhead but clouds noticed to the SW. CUFH launched at ~0805, RS-90, Intermet, Sippican/SW together on 350g at 0816 UT. SRL vertical operational from 0300-0920 UTC. CARL operational throughout.

Visual observation at 0845: severe clear overhead and to the NW. clouds to the SE. very light fog developing at surface. 0920: halo around moon –fog.